

4K Ultra HD Vandal-resistant Fisheye Fixed Dome Camera

DEC968ER-VF18



Key Features

Optics

- Ultra wide angle lens, 360° panoramic image
- Embedded infrared light, 360° fill-in light, Up to 20 m (65 ft) IR distance
- 3D DNR (Digital Noise Reduction)

Compression

- 4K, Max. 4000 * 3000 resolution
- Built-in microphone & speaker, two-way talk supported
- Sextuple streams
- ROI (Region of Interest)
- Distortion correction supported

Network

- ONVIF Conformance

Structure

- Support PoE power supply

- Wide temperature range: -30°C to 60°C (-22°F to 140°F)
- Wide voltage range of $\pm 25\%$
- IK10
- IP66

Specifications

Camera	DEC968ER-VF18
Image sensor	1/1.7", 12 megapixel, progressive scan, CMOS
Lens	1.8mm@ F1.6
Shutter	Auto/Manual, shutter time: 1/6 s ~1/8000 s
Minimum Illumination	Colour: 0.06 Lux (F1.6, AGC ON) 0 Lux with IR
Day / Night	IR-cut filter for day & night function
S/N Ratio	>55dB
WDR	Digital WDR
Video	
Compression	H.264
Frame Rate	12MP (4000*3000): Max.20fps; 4K (3008*3000): Max.25fps
ROI(Region of Interest)	Supported
Maximum Streams	Sextuple streams (1 fisheye view, 1 panoramic view, 4 PTZ view)
OSD	Up to 8 OSD
Privacy Mask	Supported
Audio	
Audio Compression	G.711
Two-way audio	Supported
Storage	
Edge Storage	Micro SD, up to 128GB
Network	
Protocols	L2TP, IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SNMP, SIP, QoS
Compatible Integration	ONVIF, API
Interface	
Audio I/O	Audio interface
	Input: impedance 35 k Ω ; amplitude 2 V [p-p]
	Output: impedance 600 Ω ; amplitude 2 V [p-p]
	1 built-in Microphone & 1 built-in Speaker
Alarm I/O	2 / 1
	Multiple Alarm linkage editable
Serial	1 channel RS485 interface
Network	10M/100M Base-TX Auto-adaptive Ethernet

Video Output	1 BNC, impedance 75 Ω ; amplitude 1 V [p-p]
General	
Power	DC12V \pm 25%, PoE (IEEE802.3at)
	Power consumption: Max. 21 W
Dimensions (\varnothing x H)	\varnothing 149mm x 51.5mm (\varnothing 5.87" x 2.03")
Weight	0.5kg(1.1lb)
Working Environment	-30 $^{\circ}$ C~60 $^{\circ}$ C(-22 $^{\circ}$ F ~ 140 $^{\circ}$ F), Humidity \leq 95% RH
Ingress Protection	IP66
Vandal Resistant	IK10

Dimensions

